No.



8400009

### HEDERICAL SHAMES OF AMERICAL

TO ALL TO WHOM THESE PRESENTS SHAVE COME:

# Jacques Seed Company

Colherens, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A GOPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE; IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OF ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF CIGATERN FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT RIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT

SOYBEAN

'J82'

In Lestimony Whereof, I have hereunto set my hand and caused the seal of the Elaut Variety Protection Office to be affixed at the City of Washington this 22nd day of February in the year of our Lord one thousand nine hundred and eighty-five.

Attest:

XXXXIII HA
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Instructions on reverse    Solid   S								
APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE  [Interactions on reversed   Interactions on reve	AGGICULTORALA	44 B K E TIMO CCO.	44.00	FO	BM APPROVED: OMP NO 0591 00			
APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE    INTIMA OF APPLICANT(S)   INTIMA OF APPLICANT (SET OF INCOMPORATION   1900   1900   1900   1900   1900   1900     A ADDRESS STORT AND	LIVESTOCK, MEAT, GRAIN & SEED DIVISION				L			
Instructions on reverged    1. NAME OF APPLICANTES    Jacques Seed Company   2. TEMPORARY DESIGNATION   3. VANILTY NAME     Jacques Seed Company   7. FAMILY NAME   7. FAMILY NA	APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE				may be issued unless a completed apr			
A ADDRESS SERVE AND NO ACT OF THE APPLICANT NAMED IS NOT. A "PERSON." GIVE FORM OF ORGANIZATION (Carporrior, AMOUNT FOR FLILLING SOURCES).  10. IF THE APPLICANT NAMED IS NOT. A "PERSON." GIVE FORM OF ORGANIZATION (Carporrior, AMOUNT FOR FLILLING SOURCES).  11. IF INCORPORATEO, GIVE STATE OF INCORPORATION  12. DATE OF DETERMINATION  3 - 81  13. AND ADDRESS OF APPLICANT REPRESENTIVE (S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  15. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  17. Exhibit O, Organization of the Variety (See Section 18/7) of the Markey Protection Act.)  18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  19. DESTINE APPLICANTICS SPECIFY THAT THE VALETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  19. DESTINE APPLICANTICS SPECIFY THAT THE VALETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  19. DESTINE APPLICANTICS SPECIFY THAT THE VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  19. DESTINE APPLICANTICS SPECIFY THAT THE VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  20. DESTINE APPLICANTICS SPECIFY THAT THE VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  21. IN ADVENTICAL SPECIFY THAT THE VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  22. IN ADVENTICAL SPECIFY THAT THE VARIETY BY IN THE U.S. OR OTHER COUNTRIES?  23. DESTINE APPLICANTISS FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  24. If If "Yes," give name of countries and detail  25. DESTINE APPLICANTISS FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  25. The applicant(s) (see informed that sub-c sequind in security will be furnished with the applicantion and will be re-  26. DESTINE APPLICANT (so protection Act.)  27. The applicant(s) (see informed that sub-c sequind in security will be furnished with the applicantion.  28. DIO THE APPLICANT (so protection Act.)  29. DIO THE APPLICANT (	(Instruction	ns on reverse)		CBU	on form has been received (5 U.S ).			
A ADDRESS (Street and No. or N.F.O. No., City, Siste, and Eig Code)  720 St. Croix St. Proscott, WI 54021  6. GENUS AND SPECIES HAME Glycine max (L) Merrill  Ceguminosea  7. FAMILY NAME (Botanical)  Leguminosea  7. FAMILY NAME (Botanical)  10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, Auditor), Auditor,			2. TEMPORARY DESIGN	L NOITAN	VARIETY NAME			
RESIDENCE STATE OF INCORPORATION  1. FAMILY NAME (Bossnices)  GENUS AND SPECIES NAME  GLYCING MAX (L) MORTILL  1. EQUIDINOS &  8. KINO NAME  SOYDOAN  3. OATE OF DETERMINATION  AMOUNT FOR FILLING  \$ \$ \$0,00 ATE OF DETERMINATION  AMOUNT FOR FILLING  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Taguna Food games.				J82			
8. GENUS AND SPECIES NAME  GLYCINE MAX (L) METTIL  Leguminosea  1. FAMILY NAME (Blannich)  Leguminosea  2. DATE OF DETERMINATION  3. BLAND ADDRESS OF APPLICANT NAMED IS NOT A "PERSON." GIVE FORM OF ORGANIZATION (Corporation, all)  10. IF THE APPLICANT NAMED IS NOT A "PERSON." GIVE FORM OF ORGANIZATION (Corporation, all)  10. OF THE APPLICANT NAMED IS NOT A "PERSON." GIVE FORM OF ORGANIZATION (Corporation, all)  10. OF THE APPLICANT NAMED IS NOT A "PERSON." GIVE FORM OF ORGANIZATION (Corporation, all)  11. If INCORPORATED, GIVE STATE OF INCORPORATION  WIS SOND II  12. DATE OF INCORPORATION  13. AMAR AND ADDRESS OF APPLICANT REPRESENATIVE(S). IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  JACQUES Seed Company  Prescott, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  2. AS SECTION 32 of the Flant Variety forection Act.)  3. DOES THE APPLICANT'S SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  SEED (SEE SECTION 32) of the Plant Variety Office, and It is considered in It is considered and It is considered in It is a special in It is considered and It is considered in It is considered and It is considered in It is considered and It is considered in It is co	4. ADDRESS (Street and No. or R.F.D. No., City, Sta	ace, and Zip Code)	5. PHONE (Include area c	odel .	FOR OFFICIAL USE ONLY			
GENUS AND SPECIES NAME  GLYCINE MAX (I.) METRILL  LEGUMINOSEA  R. KIND NAME  SOYDEAN  SOYDEAN  10. IF THE APPLICANT NAMED IS NOT A "PERSON" GIVE FORM OF ORGANIZATION (CORPORATION, STOCKARD, SEL)  10. IF THE APPLICANT NAMED IS NOT A "PERSON" GIVE FORM OF ORGANIZATION (CORPORATION, STOCKARD, SEL)  11. IF INCORPORATEO, GIVE STATE OF INCORPORATION  11. ORGAN ADDRISC, OF APPLICANT REPRESENATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  DETRISC BY SOND  JACQUES SEEd COMPANY  PTERSCOTT, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  Exhibit A, Origin and Breeding History of the Variety (See Section 25) of the Plant Viewer Protection Act.)  Exhibit B, Novelty Statement  4. Exhibit D, Additional Description of the Variety (Request form Incorporation)  SECON (See Section 25) of the Plant Viewer Protection Act.)  SECON (See Section 25) of the Plant Viewer Protection Act.)  SECON (See Section 25) of the Plant Viewer Protection Act.)  SECON (See Section 25) of the Plant Viewer Protection Act.)  SECON (See Section 25) of Secti		720 St. Croix St.						
BY CIPCINE MAX (L) MERRITI LEGUMINOSEA  8. KIND NAME  SOYDEAN  10. IF THE APPLICANT NAMED IS NOT A "PERSON." GIVE FORM OF ORDANIZATION (Corporerion, according, etc.)  10. IF THE APPLICANT NAMED IS NOT A "PERSON." GIVE FORM OF ORDANIZATION (Corporerion, according, etc.)  10. IF THE APPLICANT NAMED IS NOT A "PERSON." GIVE FORM OF ORDANIZATION (Corporerion, according, etc.)  11. IF INCORPORATED, GIVE STATE OF INCORPORATION  WIS CONDITION  11. IF INCORPORATED, GIVE STATE OF INCORPORATION  WIS CONDITION  12. DATE OF INCORPORATION  13. NAME AND ADDRESS OF APPLICANT REPRESENTIVE(B), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  Dennis F. Byron  Jacques Seed Company  Prescott, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  2. Exhibit A, Origin and Breeding History of the Variety (See  Section 52 of the Plant Variety Protection Act.)  3. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS NAMETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  4. CHECK APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  5. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  6. DOES THE APPLICANT(S) SPECIFY THAT THAT VARIETY BE  17. FIVES TO ITEM IN MINICAL CLASSES OF PRODUCTION  18. DIO THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  19. NO  10. PROVINCE AREBORN SEED  10. AND A CLASS OF CERTIFIED  11. FIVES," Syree name of countries and datest of this variety will be furnished with the application and will be replemished upon request in accordance with such regulations as may be applicable.  10. HAVE RIGHTS SEED APPLICANT (3) if that a viable sample of basic seeds of this variety will be furnished with the application and will be replemished upon request in accordance with such regulations as may be applicable.  15. HAVE RIGHTS SEED APPLICANT (3) is fare the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct,		·			8400009			
8. KINO NAME SOYDE BY  10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corpore"on, partnership, association, sic.)  10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corpore"on, partnership, association, sic.)  11. IF INCORPORATED, GIVE STATE OF INCORPORATION  11. IF INCORPORATED, GIVE STATE OF INCORPORATION  11. IF INCORPORATED, GIVE STATE OF INCORPORATION  11. IN AMERICAN ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  12. DATE OF INCORPORATION  13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  14. CHECK APPROPRIATE BOX FOR EAGH ATTACHMENT SUBMITTED  15. CHECK APPROPRIATE BOX FOR EAGH ATTACHMENT SUBMITTED  16. CHECK APPROPRIATE BOX FOR EAGH ATTACHMENT SUBMITTED  17. Section 35 of the Plant Variety Protection Act.)  18. ODES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  18. ODES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE SERVED BREEDED BY SECTION OF CHEMENTAINS	· ·	7. FAMILY NAM	ME (Botanical)	(1				
Soybean  3-81  3-8	Glycine max (L) Merrill	Legumin	osea	FILIX	TIME			
Soybean  3-81    Composition	8. KIND NAME	L	DATE OF DETERMINE					
10. IF THE APPLICANT NAMED IS NOT A "PERSON." GIVE FORM OF ORGANIZATION (Corpors"on, association, etc.)  COTPORATION  11. (F. INCORPORATEO, GIVE STATE OF INCORPORATION  WI SCORS IN  12. OATE OF INCORPORATION  13. NAME AND ADDRESS OF APPLICANT REPRESENATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  DEBYTON  DEBYTON  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  15. Exhibit A, Origin and Breeding History of the Variety (See  16. Section 32 of the Plant Variety Protection Act.)  17. Exhibit B, Novelly Statement  18. Exhibit B, Novelly Statement  19. OES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CENTIFIED  SEED (See Section 31/6) of the Plant Variety Protection Act.)  19. OES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CENTIFIED  SEED (See Section 31/6) of the Plant Variety Protection Act.)  19. No  10. DID THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CENTIFIED  LIMITED AS TO NUMBER OF GENERATIONS?  19. IN "Yes," "answer itoms 16 and 17 below)  19. No  19. No  19. No  19. No  19. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?  19. AND THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  19. AND THE APPLICANT(S) Is are the council of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety roise for informed that false representation herein can jeopardize protection and result in penaltics.  NATURE OF APPLICANT  NATURE OF APPLICANT  10. ATTURE OF APPLICANT  11. 10. 10. 10. 10. 10. 10. 10. 10. 10.	Cowhoan	\ \frac{3}{3}.	DATE OF DETERMINATI	i				
10. If the APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, sic.)  COTPORATION  11. IF INCORPORATED, GIVE STATE OF INCORPORATION  WI SCORS IN  12. DATE 1/17/85  13. NAME AND ADDRESS OF APPLICANT REPRESENATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  DENDIS F. BY DON  DENDIS F. BY DON  JACQUES Seed COMPANY  PRESCOTT, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  1. M. Exhibit A, Origin and Breeding History of the Variety (See  1. Exhibit C, Objective Description of the Variety (Request form From Plant Variety, Protection Office.)  Exhibit B, Novelly Statement  4. Exhibit D, Additional Description of the Variety (Request form Plant Variety, Protection Office.)  5. OOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CENTIFIED SEED (See Section 3/4) of the Plant Variety Protection Act.)  Ven (If "Yes," answer from 18 and 17 below)  Ven (If "Yes," answer from 18 and 17 below)  No  DIO THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY BE  NO  NO  NO  NO  NO  The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is fare; the owner(s) of this exacually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penaltics.  NATURE OF APPLICANT  NATURE OF APPLICANT  DATE  1/1/2/8/3	boybean		3-81	Ä.	<del></del>			
AMOUNT FOR CERTIFICATE  SODO.00  AMOUNT FOR CERTIFICATE  SODO.00  AMOUNT FOR CERTIFICATE  SODO.00  ATE  1/17/85  11. IF SINCORPORATED, GIVE STATE OF INCORPORATION  WISCORDS.11  12. DATE OF INCORPORATION  12. DATE OF INCORPORATION  13. MAKE AND ADDRESS OF APPLICANT REPRESENATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  DENDIS F. IS YOU  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  15. Exhibit A, Origin and Breeding History of the Variety (See  16. Exhibit C, Objective Description of the Variety (Request form from flant Variety) Protection Office)  17. Exhibit B, Novelty Statement  18. Exhibit B, Novelty Statement  18. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  SEED (See Section 33/4) of the Plant Variety Protection Act.)  18. ODES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  CODES THE APPLICANT(S) SPECIFY THAT SEED OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  19. FOUNDATION  10. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?  10. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?  10. ON THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY WILL BE furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  19. NO  10. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  19. NO  The applicant(s) is (are: however, because the countries of Section 42 of			•	1 /1	I .			
COPPORATION  11. IF INCORPORATED, GIVE STATE OF INCORPORATION  WIS CONS IN  12. DATE OF INCORPORATION  13. NAME AND ADDRESS OF APPLICANT REPRESENATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Dennis F. Byton  Jacques Seed Company Prescott, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  15. Exhibit A, Origin and Breeding History of the Variety (See  16. Section 32 of the Plant Variety Protection Act.)  17. Exhibit B, Novelty Statement  18. OOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  18. SEED? (See Section 32(a) of the Plant Variety Protection Act.)  19. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  10. IMPED AS TO NUMBER OF GENERATIONS?  10. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  11. IF "YES." TO ITEM 16, WHICH CLASSES OF PRODUCTION  12. IN "Yes." TO ITEM 16, WHICH CLASSES OF PRODUCTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  13. IF "YES." TO ITEM 16, WHICH CLASSES OF PRODUCTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  14. If "Yes," give name of countries and dates!  15. IF "YES." TO ITEM 16, WHICH CLASSES OF PRODUCTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  16. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  17. If "Yes," give name of countries and dates!  18. NO  19. The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant NATURE OF APPLICANT  18. PAYONE OF APPLICANT  18. PAYONE OF APPLICANT  18. PAYONE OF APPLICANT  19. PAYONE OF APPLICANT	10. IF THE APPLICANT NAMED IS NOT A "PERSO	N," GIVE FORM (	OF ORGANIZATION (Com	poretion.	AMOUNT FOR CERTIFICATE			
11. IF INCORPORATED, GIVE STATE OF INCORPORATION  WIS CONSIN  12. DATE OF INCORPORATION  13. NAME AND ADDRESS OF APPLICANT REPRESENATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  Darries Seed Company  Prescott, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  15. Section 32 of the Plant Variety Protection Act.)  16. Exhibit A, Origin and Breeding History of the Variety (See  17. Section 32 of the Plant Variety Protection Act.)  18. Exhibit B, Novelty Statement  19. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  SEED? (See Section 32) of the Plant Variety Protection Act.)  19. ODES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  LIMITED AS TO NUMBER OF GENERATIONS?  10. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  11. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION  BEYOND BREEDER SEED?  11. OF THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  12. If "Yes," give name of countries and dates!  13. DIO THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  14. AVER RIGHT'S BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?  15. DOES THE APPLICANT(S) IS (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  16. Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  17. NATURE OF APPLICANT  17. 18. AND THE SECONDANT AND THE VARIETY IN THE U.S. OR OTHER COUNTRIES.  18. DATURE OF APPLICANT  19. DATE  19. AND THE APPLICANT  19. DATE  19. DATE  19. AND THE APPLICANT  19. DATE  19. DAT		and Salar		S S	s 500.00			
11. In Incorporation  Wiscons in  12. DATE OF INCORPORATION  Wiscons in  13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Dennis F. Byron  Jacques Seed Company Prescott, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  2. Exhibit A, Origin and Breeding History of the Variety (See  3. Section \$2 of the Plant Variety Protection Act.)  5. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  2. Exhibit B, Novelty Statement  4. Exhibit D, Additional Description of the Variety (Request form from Plant Variety-Protection Office.)  5. CHECK APPLICANTS) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED (See Section \$3 of the Plant Variety Protection Act.)  6. OOSS THE APPLICANTS) SPECIFY THAT THIS VARIETY BE 17. If "Yes," answer items 16 and 17 below)  18. No  19. LIMITED AS TO NUMBER OF GENERATIONS?  19. Foundation  19. Per No  19. Foundation  19. Per No  19. Foundation  19. Per No  19	Corporation				DATE			
Wisconsin  13. NAME AND ADDRESS OF APPLICANT REPRESENTIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  Darques Seed Company  Prescott, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  15. Exhibit A, Origin and Breeding History of the Variety (See  16. Exhibit C, Objective Description of the Variety (Request form from Plant Variety, Protection Office.)  17. Exhibit B, Noveliy Statement  18. Ooss THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  SEED! (See Section 383 of the Plant Variety Protection Act.)  18. If "Yes," and remains the History of the Variety Protection Act.)  19. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  LIMITED AS TO NUMBER OF GENERATIONS?  19. If "Yes," TO ITEM 16, WINTH CLASSES OF PRODUCTION BEYOND BREEDER SEED!  19. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  19. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  19. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  19. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  20. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  21. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  22. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  23. DIO THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  24. Ooss THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  25. OOSS THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  26. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE  27. Ooss THE APPLICANT THE U.S. OR OTHER COUNTRIES?  28. Ooss THE APPLICANT THE U.S. OR OTHER COUNTRIES?  29. Ooss THE APPLICANT THE U.S. OR OTHER COUNTRIES?  29. Ooss THE APPLICANT  29. Ooss THE APPLICA	11. IF INCORPORATED, GIVE STATE OF INCORPO	BATION	<del></del>					
13. NAME AND ADDRESS OF APPLICANT REPRESENTIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Dennis F. Byron Jacques Seed Company Prescott, WI 54021  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  2. Xi Exhibit A, Origin and Breeding History of the Variety (See Section \$2 of the Plant Variety Protection Act.)  5. A Exhibit B, Novelty Statement  4. Exhibit D, Additional Description of the Variety  5. ODES THE APPLICANTS) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED  5. ODES THE APPLICANTS) SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS) SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  6. DOES THE APPLICANTS SPECIFY THAT THIS VARIETY BE  7. FOUND BREEDER SEED?  8. NO  17. IF YES, "SIVE NAME OF COUNTRIES?  18. OF THE APPLICANTS SPECIFY THAT THIS VARIETY BE  19. OF THE APPLICANTS SPECIFY THAT THIS VARIETY BE  19. OF THE APPLICANTS SPECIFY THAT THIS VARIETY BE  10. OF THE APPLICANTS SPECIFY THAT THIS VARIETY BE  10. OF THE APPLICANTS SPECIFY THAT THE VARIETY BE  11. IF YES," SIVE NAME OF COUNTRIES?  11. OF THE APPLICANT SPECIFY THAT THE VARIETY BE  12. OF THE APPLICANT SPECIFY THAT THE VARIETY BE  13. DID THE APPLICANT SPECIFY THAT THE VARIETY BE  14. OF THE APPLICANT SPECIFY THAT THE VARIETY BE  15. ODES THE APPLICANT SPECIFY THAT THE VARIETY BE  16. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF PRODUCTION OF THE VARIETY BE  17. IF YES," SIVE AND ONLY AS A CLASS OF PRODUCTION OF THE VARIETY BE  18. OB THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE  19. OB THE APPLICANT SPECIFY THAT SEED OF	Wisconsin			112. !	DATE OF INCORPORATION			
S. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section \$3(e) of the Plant Variety Protection Act.)    Yes (If "Yes," answer items 16 and 17 below)   X No	Section 32 of the Plant Variety Protection Act	t.)	from Plant Var	ective Descripti iety:Protection	on of the Variety (Request form Office.)			
So Does the applicant(s) specify that this variety BE LIMITED AS TO NUMBER OF GENERATIONS?    Yes	b. [A] Exhibit B. Novelty Statement		d. Exhibit D. Add	itional D≵scrip	tion of the Variety			
6. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?  17. IF "YES." TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?    Yes	5. DOES THE APPLICANT(S) SPECIFY THAT SEED SEEO? (See Section 83(a) of the Plant Variety Protection	OF THIS VARIET	Y BE SOLD BY VARIETY	NAME ONLY	AS A CLASS OF CERTIFIED			
B. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  Yes (If "Yes," give name of countries and dates)  No  HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?  Yes (If "Yes," give name of countries and dates)  No  The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  NATURE OF APPLICANT  DATE  12-12-83	6. DOES THE APPLICANT(S) SPECIFY THAT THIS V LIMITED AS TO NUMBER OF GENERATIONS?	VARIETY BE	17. IF "YES" TO ITE	4 16, WHICH	CLASSES OF PRODUCTION			
S. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  Yes (III "Yes," give name of countries and dates)  No  No  The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable:  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  DATE  NATURE OF APPLICANT  DATE  12-12-83		er en	Foundation		olerarad			
And the Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  And the Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  Description of countries and dates)  Yes (If "Yes," give name, of countries and dates)  No  Yes (If "Yes," give name, of countries and dates)  No  The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  DATE  DATE  12-12-83	3. DID THE APPLICANT(S) FILE FOR PROTECTION	OF THE VARIET	Y IN THE U.S. OR OTHE	R COUNTRIES	37			
The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  DATE  NATURE OF APPLICANT  DATE  12-12-83					of countries and dates)			
The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  NATURE OF APPLICANT  DATE  12-12-83	. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR	OTHER COUNTS			X No			
The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  NATURE OF APPLICANT  DATE  12-12-83	A A A A A A A A A A A A A A A A A A A	OTHER COUNTRI	IES?		- Ver 116 "'Ver " aire			
The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  DATE  12-12-83					of countries and dates)			
The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  DATE  DATE  12-12-83	The applicant(s) declare(s) that a viable sample	of basic seeds of	this variate will be for-	tala di Litalia di	X No			
Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.  NATURE OF APPLICANT  NATURE OF APPLICANT  NATURE OF APPLICANT  NATURE OF APPLICANT  12-12-83	Ti charles were accident	regulations as m	INV DE ADDUCABLE.					
DATE  12-12-83	the undersigned applicant(s) is (are) the owner(distinct, uniform, and stable as required in Section Section Act.	s) of this sexuall on 41, and is en	y reproduced novel plan	it variety, an or the provisi	d believe(s) that the variety is ons of Section 42 of the Plant			
DATE  12-12-83	Applicant(s) is (are) informed that false represen							
Lannis J. Byon 12-12-83				and result in	penalties.			
NATURE OF APPLICANT	SNATURE OF APPLICANT			1	<del></del>			
	Connis J. Byun			1	<del></del>			
	Dennis J. Byun inature of applicant			DA*	2-12-83			

FORM LMGS-470 (9-81)

(Edition of 1-78 is obsolete)

			•
13A.	Exhibit A	J82	
1972	Corsoy was cros	ssed with Swift.	
1972-73	$F_1$ and $F_2$ generation	rations were grown in P	uerto Rico.
(1973	F <sub>3</sub> generation w Twenty-one plan	was grown at Prescott, its were selected for F	Wisconsin. 4 progeny rows
1974	F <sub>4</sub> generation were five plants were	was grown at Prescott, to selected for F <sub>5</sub> prog	Wisconsin. eny rows.
1975	F <sub>5</sub> generation w Five plants wer	was grown at Prescott, to selected for F progress	Wisconsin. eny rows.
1976	F <sub>6</sub> generation w Four plants wer	was grown at Prescott, we selected for F <sub>7</sub> progr	Wisconsin. eny rows.
1977.		nosen from the F <sub>7</sub> rows ald tests in 1978.	to go into
1978, 1979 1980, 1981 1982	Testing was con in each year.	ducted in three to five	e environments
		and stable for all plas. There are no appare	

### Exhibit B

J82 is most simialr to Swift. J82 differs from Swift in having brown hila. J82 has better lodging resistance than Swift (2.3 vs 3.0). Swift has black hila.

EXHIBIT C (Soybean)

Page 1 of 4

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE LIVESTOCK, MEAT, GRAIN & SEED DIVISION PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MARYLAND 20705

## OBJECTIVE DESCRIPTION OF VARIETY SOYBEAN (Glycine max L.)

00.027	Tri (Gryomo max 2)	
NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
Jacques Seed Company	77-1307	J82
ADDRESS (Street and No., or R.F.D. No., City, State, and Zip Code	a)	FOR OFFICIAL USE ONLY
720 St. Croix St.		PVPO NUMBER
Prescott, Wisconsin 54021		8400009
Choose the appropriate response which characterizes the var in your answer is fewer than the number of boxes provided,	iety in the features described l place a zero in the first box w	pelow. When the number of significant digits hen number is 9 or less (e.g., 0 9).
1. SEED SHAPE:	lacksquare	
	$ \mathbf{r} $	
	[ ]	(L/W ratio > 1.2; L/T ratio = < 1.2)
1 = Spherical (L/W, L/T, and T/W ratios = < 1.2) 3 = Elongate (L/T ratio > 1.2; T/W = < 1.2)		L/T ratio > 1.2; T/W > 1.2)
2 SEED COAT COLOR: (Mature Soul)		
2. SEED COAT COLOR: (Mature Seed)		
1 1 = Yellow 2 = Green 3 = Brown	4 = Black 5 = Other	(Specify)
3. SEED COAT LUSTER: (Mature Hand Shelled Seed)		
1 = Dull ('Corsoy 79'; 'Braxton') 2 = Shiny ('Nebso	oy'; 'Gasoy 17')	
4. SEED SIZE: (Mature Seed)		
1 5 Grams per 100 seeds		
5. HILUM COLOR: (Mature Seed)		
3 1 = Buff 2 = Yellow 3 = Brown	4 = Gray 5 = Imperfect Bla	ck 6 = Black 7 = Other (Specify)
6. COTYLEDON COLOR: (Mature Seed)		
1 = Yellow 2 = Green		
7. SEED PROTEIN PEROXIDASE ACTIVITY:		
1 = Low 2 = High		
8. SEED PROTEIN ELECTROPHORETIC BAND:		
1 = Type A (SP1 <sup>a</sup> ) 2 = Type B (SP1 <sup>b</sup> )		
9. HYPOCOTYL COLOR:		
1 = Green only ('Evans'; 'Davis') 2 = Green with 3 = Light Purple below cotyledons ('Beeson'; 'Pickett 71')	n bronze band below cotyledons (	Woodworth'; 'Tracy')
4 = Dark Purple extending to unifoliate leaves ('Hodgson';	'Coker Hampton 266A')	
IO. LEAFLET SHAPE:		
3 1 = Lanceolate 2 = Oval 3 = Ovate	4 = Other (Specify)	

FORM LMGS-470-57 (2-82)

	AFLET SIZE:	. , , , , , , , , , , , , , , , , , , ,	
	1 = Small ('Amsoy 71'; 'A5312') 3 = Large ('Crawford'; 'Tracy')	2 = Medium ('Corsoy 79'; 'Gasoy 17')	
12. LEA	AF COLOR:		
	1 = Light Green ('Weber'; 'York') 3 = Dark Green ('Gnome'; 'Tracy')	2 = Medium Green ('Corsoy 79'; 'Brax	ton')
13. FLC	OWER COLOR:		
	1 = White 2 = Purple	3 = White with purple throat	
14. POE	COLOR:		
2	1 = Tan 2 = Brown	3 = Black	
15. PLA	NT PUBESCENCE COLOR:		
2	1 = Gray 2 = Brown (Tawny)		
16. PLA	NT TYPES:		
2	1 = Siender ('Essex'; 'Amsoy 71') 3 = Bushy ('Gnome'; 'Govan')	2 = Intermediate ('Amcor'; 'Braxton')	
17. PLA	NT HABIT:		
3	1 = Determinate ('Gnome'; 'Braxton') 3 = Indeterminate ('Nebsoy'; 'Improved Pe	2 = Semi-Determinate ('Will') elican')	
	TIPLEY OBOLIS		
18. MA7	URITY GROUP:		
18. MAT	TURITY GROUP:  1 = 000	4 = I 5 = II 6 = III II 12 = IX 13 = X	7 = IV 8 = V
3	1 = 000 2 = 00 3 = 0	II 12 = IX 13 = X	7 = IV 8 = V
19, DISE	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII EASE REACTION: (Enter 0 = Not Tested; 1 =	II 12 = IX 13 = X	7 = IV 8 = V
19. DISE	1 = 000	II 12 = IX 13 = X  Susceptible; 2 = Resistant)	7 = IV 8 = V
19, DISE	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:	II 12 = IX 13 = X  Susceptible; 2 = Resistant)	7 = IV 8 = V
19. DISE	1 = 000	II 12 = IX 13 = X  Susceptible; 2 = Resistant)	7 = IV 8 = V
19. DISE BA	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli vi	II 12 = IX 13 = X  Susceptible; 2 = Resistant)	7 = IV 8 = V
19. DISE BA 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli viii) Bacterial Blight (Pseudomonas glycinea)	II 12 = IX 13 = X  Susceptible; 2 = Resistant)	7 = IV 8 = V
19. DISE BA 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli viii)  Bacterial Blight (Pseudomonas glycinea)  Wildfire (Pseudomonas tabaci)	II 12 = IX 13 = X  Susceptible; 2 = Resistant)	7 = IV 8 = V
19. DISE  BA  0  0  FUN	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli viii) Bacterial Blight (Pseudomonas glycinea)  Wildfire (Pseudomonas tabaci)  GAL DISEASES:	II 12 = IX 13 = X  Susceptible; 2 = Resistant)	7 = IV 8 = V
19. DISE  BA  O  FUN  O	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli v. Bacterial Blight (Pseudomonas glycinea)  Wildfire (Pseudomonas tabaci)  GAL DISEASES:  Brown Spot (Septoria glycines)  Frogeye Leaf Spot (Cercospora sojina)  Race 1 Race 2 Ra	II 12 = IX 13 = X  Susceptible; 2 = Resistant)	7 = IV 8 = V  Other (Specify)
19. DISE BA 0 0 FUN	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli v. Bacterial Blight (Pseudomonas glycinea)  Wildfire (Pseudomonas tabaci)  GAL DISEASES:  Brown Spot (Septoria glycines)  Frogeye Leaf Spot (Cercospora sojina)  Race 1 Race 2 Ra	II 12 = IX 13 = X  Susceptible; 2 = Resistant)  var. sojensis)	
19. DISE  BA  O  FUN  O	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli viii) Bacterial Blight (Pseudomonas glycinea)  Wildfire (Pseudomonas tabaci)  GAL DISEASES:  Brown Spot (Septoria glycines)  Frogeye Leaf Spot (Cercospora sojina)  Race 1 Race 2 Ra	Susceptible; 2 = Resistant)  var. sojensis)  Race 4 Race 5	
19. DISE BA 0 0 FUN 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli viii) Bacterial Blight (Pseudomonas glycinea)  Wildfire (Pseudomonas tabaci)  GAL DISEASES:  Brown Spot (Septoria glycines)  Frogeye Leaf Spot (Cercospora sojina)  Race 1 Race 2 Ra	Susceptible; 2 = Resistant)  var. sojensis)  Race 4 Race 5	
19. DISE BA 0 0 FUN 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VII  EASE REACTION: (Enter 0 = Not Tested; 1 = CTERIAL DISEASES:  Bacterial Pustule (Xanthomonas phaseoli v. Bacterial Blight (Pseudomonas glycinea)  Wildfire (Pseudomonas tabaci)  GAL DISEASES:  Brown Spot (Septoria glycines)  Frogeye Leaf Spot (Cercospora sojina)  Race 1 Race 2 Ra  Target Spot (Corynespora cassiicola)  Downy Mildew (Peronospora trifoliorum value)	Susceptible; 2 = Resistant)  var. sojensis)  Race 4 Race 5	

19. DISEA	SE REACTION	V: (Enter 0 = Not Tested; 1 = Susceptible; 2 =	Resistant) (Continued)	
FUN	GAL DISEAS	ES: (Continued)		
. 0	Pod and Ster	n Blight (Diaporthe phaseolorum var; sojae)		
0	Purple Seed	Stain (Cercospora kikuchii)	•	
0	Rhizoctonia	Root Rot (Rhizoctonia solani)		
	Phytophthor	a Rot (Phytophthora megasperma var. sojae)		
	Race 1	Race 2 Race 3	Race 4 Race 5	Race 6 Race 7
	Race 8	Race 9 Other (Specify)		
VIRA	AL DISEASES:	;		
o	Bud Blight (1	"obacco Ringspot Virus)		
0	Yellow Mosa	ic (Bean Yellow Mosaic Virus)		
		nic (Cowpea Chlorotic Virus)	•	
		Bean Pod Mottle Virus)		
		,		
لـــا	Seed Mottle (	Soybean Mosaic Virus)		
1100111		<del>~·</del> ·	•	
0	í	Nematode (Heterodera glycines)		
	Race 1	Race 2 Race 3	Race 4 Other (S	Specify)
		ode (Hopiolaimus Colombus)		
		ot Knot Nematode (Meloidogyne incognita)		
	Northern Roc	t Knot Nematode (Meloidogyne Hapla)		
0	Peanut Root	Knot Nematode <i>(Meloidogyne arenaria)</i>		
0	Reniform Ner	natode (Rotylenchulus reniformis)		
0	OTHER DISE	ASE NOT ON FORM (Specify):		
n BUVĆIO	LOCICAL PE	SPONSES: (Enter 0 = Not Tested; 1 = Suscept	71.0.0.1	
		•	ible; 2 = Resistant)	
		on Calcareous Soil		
		//		······································
·	REACTION:	(Enter 0 = Not Tested; 1 = Susceptible; 2 = Re	sistant)	
	Mexican Bean	Beetle (Epilachna varivestis)		
٥	Potato Leaf H	opper (Empoasca fabae)		
	Other (Specify	·)	· ·	
2. INDICAT	E WHICH VA	RIETY MOST CLOSELY RESEMBLES THAT	SUBMITTED.	
CHAR/	ACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant Shar	ое	Swift	Seed Coat Luster	Corsoy
Leaf Shap	e .	Swift	Seed Size	Swift
Leaf Color	r .	Swift	Seed Shape	Swift
Leaf Size		Swift	Seedling Pigmentation	

FORM LMGS-470-57 (2-82)

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8400009

### 23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY: Paired Comparison Data

VARIETY	NO. OF DAYS MATURITY	PLANT LODGING SCORE	CM PLANT HEIGHT	LEAFLET SIZE		SEED CONTENT		SEED SIZE G/100	NO. SEEDS/
				CM Width	CM Length	% Protein	% Oil	SEEDS	POD
Submitted	113	2.3	94			4.0	18	15	3
Swift Name of Similar Variety	113	3.0	97			40	19	17	3

### PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

- 1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer. Soc. Agron. Monograph No. 16.
- 2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci., 8: 722-725.
- 3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A2 in the USDA soybean germplasm collection. Crop Sci., 13: 420-421.
- 4. Payne, R.C. and L.F. Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1: 1-19.